



# ANAND PREP/PUBLIC SCHOOL

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## *Holiday Assignment*

### Class – VIII

#### Instructions for the Holiday Assignment

**Helping your child with his homework doesn't mean doing it for him!**

- Use Holiday Homework as an opportunity to spend quality time together. Let your child take the lead and use his/her imagination, creativity and knowledge to do the assigned task. The role of the parent is to be a facilitator and guide to steer the child in the right direction. He/ She will find his own destination. Original work of students will receive greater recognition and appreciation.
- **Improve Your Writing**  
Write one page English and one page Hindi handwriting every alternate day. We would love to see your writing practice notebook after summer vacations. You may copy from any book or write a passage on your own.
- **Develop Reading Habit**  
Reading is a very good habit that one needs to develop in life. Once you start reading, you experience a whole new world .Reading develops language skills and vocabulary. Reading books is also a way to relax and reduce stress. So I would like to tell all the students that read English and Hindi story books , newspaper etc. You can also download E -books .
  - **Note:** - Holiday assignments carry extra marks in assessment (Subject enrichment). You have to maintain proper school notebooks for all the work done. Follow the guidelines given by teachers to complete specific activities. Submission of work post vacation is compulsory for all students.
  - **Read and revise all subjects covered till date for Periodic Assessment –I.**

We wish you all the best for your vacation. Have fun and enjoy it. I hope you enjoy every moment of your vacation.

***Take care of yourself.***

## Science

1.	Prepare a chart on different diseases and their symptoms and treatment.
2.	Make a diagram of microscope on a chart paper.
3.	Write a notes on different types of bacteria?
4.	Write about the harvest festival celebrated in different states of India and discuss about their importance.
5.	Write a short notes on green revolution.
6.	Write down the names and location of different Dams built on rivers in different states of country.
7.	Write a notes on AIDS.
8.	Describe the various ways in which food is preserved in a condition safe for consumption.

## Hindi

	1. एक पतला कॉपी खरीदना है । 2. एक चार्ट पेपर खरीदना है । 3. सुंदर और शुद्ध लिखना है ।
1.	पाठ – 3 आदर्श बदला पाठ को अच्छे से पढ़कर 25 बहुवैकल्पिक प्रश्नों का निर्माण करें । सभी प्रश्नों के चार विकल्प लिखना है और सही उत्तर (V) का निशान लगाना है ।
2.	पाठ – 4 भोलाराम का जीव पाठ को अच्छे से पढ़कर 25 बहुवैकल्पिक प्रश्नों का निर्माण करें । सभी प्रश्नों के चार विकल्प लिखना है और सही उत्तर (V) का निशान लगाना है ।
3.	हिंदी व्याकरण पाठ्यपुस्तक से 20 शब्दों का संधि विच्छेद करें । 20 शब्दों का वर्ण विच्छेद करें ।
4.	'दहेज प्रथा' – वरदान या अभिशाप चार्ट पेपर पर सुंदर और शुद्ध रूप से 100 से 120 शब्दों में लिखें तथा उसमें अलग-अलग रंग भरें ।

## Mathematics

1.	Verify the property. $x \times y (y + z) = x \times y + x \times z$ by taking
	(i) $x = \frac{-3}{7}, y = \frac{12}{13}, z = \frac{-5}{6}$ (ii) $x = \frac{-12}{5}, y = \frac{-15}{4}, z = \frac{8}{3}$ (iii) $x = \frac{-8}{3}, y = \frac{5}{6}, z = \frac{-13}{12}$
2.	Using distributive property of multiplication simplify.
	(i) $\frac{3}{5} \times \left(\frac{35}{24} + \frac{10}{1}\right)$ (ii) $\frac{-5}{4} \times \left(\frac{8}{5} + \frac{16}{5}\right)$ (iii) $\frac{2}{7} \times \left(\frac{7}{16} - \frac{21}{4}\right)$ (iv) $\frac{3}{4} \times \left(\frac{8}{9} - 40\right)$
3.	The product of two rational number is 15. If one of them is -10. Then find other.
4.	By what number should $-\frac{1}{6}$ be multiplied so that the product may be $-\frac{23}{5}$ ?
5.	Find the $(x+y) \div (x-y)$ if
	(i) $x = \frac{2}{3}, y = \frac{3}{2}$ (ii) $x = \frac{2}{5}, y = \frac{1}{2}$ (iii) $x = \frac{5}{4}, y = \frac{-1}{3}$ (iv) $x = \frac{2}{7}, y = \frac{4}{3}$
6.	Write the life history of Aryabhata and his contribution in the field of mathematics ?
7.	Subtract the first rational number from second in each of following.
	(i) $\frac{3}{8}, \frac{5}{8}$ (ii) $\frac{-6}{7}, \frac{-13}{14}$ (iii) $\frac{-8}{33}, \frac{-7}{22}$ (iv) $\frac{-2}{3}, \frac{5}{6}$
8.	Evaluate the following.
	(i) $\frac{-6}{13}, \frac{-7}{13}$ (ii) $\frac{7}{24}, \frac{-19}{36}$ (iii) $\frac{5}{63}, \frac{-8}{21}$ (iv) $\frac{-4}{13}, \frac{-5}{26}$
9.	What number should be subtracted from $\frac{-5}{3}$ to get $\frac{5}{6}$ ?
10.	What should be added to $\frac{-7}{8}$ so as to. Get $\frac{5}{9}$ ?
11.	The sum of two number is $\frac{-4}{3}$ . If one of the number is -5. Find other.
12.	The cost of $2\frac{1}{3}$ m of rope is Rs $12\frac{3}{4}$ . Find cost per metre.
13.	Divide the sum of $\frac{-13}{5}$ and $\frac{12}{7}$ by the product of $\frac{-31}{7}$ and $\frac{-1}{2}$ .
14.	If 24 trousers of equal size can be prepared in 54 m. If cloth, what length of cloth is required for each trouser ?
15.	Find the value of each of following.
	(i) $3^{-1} + 4^{-1}$ (ii) $(3^{\circ} + 4^{-1} + 5^{-1})^{\circ}$
16.	Simplify.
	(i) $(3^2 + 2^3) \times \left(\frac{1}{2}\right)^3$ (ii) $(2^2 + 3^2 - 4^2) \div \left(\frac{3}{2}\right)^2$
17.	By what number should $5^{-1}$ be multiplied so that the product be equal to $(-7)^{-1}$ .
18.	By what number should $(-15)^{-1}$ be divided so that quotient may be equal to $(-10)^{-1}$ .
19.	Find the product of two number using the formula $a^2 - b^2 = (a + b)(a - b)$
	(i) $74 \times 86$ (ii) $104 \times 96$ (iii) $205 \times 195$ (iv) $304 \times 296$
20.	Find the squares of number using the formula $(a + b)^2$
	(i) 194 (ii) 76 (iii) 215 (iv) 93
21.	Find the square root using long division method
	(i) 0.2 (ii) 5 (iii) 11 (iv) 13 (v) 74 (vi) 13.57 to two decimal places.
22.	Write and learn square of 1 to 50 and cubes of 1 to 20.

## English

	Introductions.
	(i) Use waste materials for all models etc.
	(ii) Do according to your roll numbers.
A.	During covid-19 many different people like Doctors, Police personnel etc, have helped all of us. Make a thank you note in the shape of greeting card. Give your card a colourful look. Keep the following points in mind. How valuable the help was? your feelings of gratitude.
B.	Prepare a power point presentation on any three historical places. You can also add pictures, audio and video to make PPT appealing.
C.	Prepare tense chart with examples.
D.	(i) Do ten English translation daily in a notebook based on the uses of tense.
	(ii) Do write one page of English writing daily in a notebook.
	(iii) Revise all the class work and home-work regularly.

## SST

1.	Draw a map of India and indicate all these states with its importance related to resource.
2.	Make a scrap book and show all types of soil with its importance.
3.	Write a short note on conservation of water.
4.	Page no 143
	Rule of EEIC is India
	Prepare a chart on century paper.

## Sanskrit

1.	पाठ – प्रथम, द्वितीय, तृतीय का अभ्यास कार्य लिखे एवं याद करें ।
2.	व्याकरण – पाठ – प्रथम एवं द्वितीय को लिखे एवं याद करें। दस फलों फूलों एवं सब्जियों के नाम लिखे एवं याद करें।
3.	परियोजना कार्य – दस कर्मकार के नाम चित्र के साथ लिखे।